



Shelby County Tennessee

Mark H. Luttrell, Jr., Mayor

Addendum No. 3

Issued: February 2, 2016

SBI000364 CMAQ #10

CONGESTTION MANAGEMENT PROGRAM – SIGNAL SYSTEM #10

TO ALL PROSPECTIVE BIDDERS:

The above described SBI modified to reflect the following change:



ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM

**CONGESTION MANAGEMENT PROGRAM
SIGNAL SYSTEM SET #10
(TDOT PIN 115241.16)**

I acknowledge that I am in receipt of the following addendum(s) for the above referenced project.

Congestion Management Program – Signal System Set #10

Addendum #1, Dated January 13, 2016 _____

Addendum #2, Dated January 26, 2016 _____

Addendum #3, Dated February 2, 2016 _____

NAME and TITLE

DATE

THIS FORM MUST BE SIGNED AND INCLUDED IN YOUR PROPOSAL. FAILURE TO SIGN AND INCLUDE THIS FORM WILL RESULT IN YOUR PROPOSAL BEING CONSIDERED INVALID.

February 2, 2016

TO ALL PLAN HOLDERS:

RE: Addendum No. 3 to Sealed Bid No. I-000364
Congestion Management Program – Signal System Set #10
PIN 115241.16

Please make the attached documents part of your proposal:

Revisions to the plan sheets are denoted with revision clouds. Copies of these revised sheets are attached.

Question 1: There is a large tree at the south end of Crossing 1 that will hinder getting equipment in to install conduit. Can an item be created to trim back or remove trees?

Answer: Yes, please see the attached revised bid form and quantities sheet. This item is intended for minor tree trimming necessary for construction purposes as directed by the Engineer and/or CEI. Tree removal will not be permitted on this project.

Question 2: On crossings 1 and 2 there is an existing PVC conduit already installed in the location where the new fiber conduit is to be installed, which may require a different means of attachment or location of installation. How is this to be addressed?

Answer: Attachment must be completed per the TDOT approved detail as shown in the plans. It is the designer's opinion that adequate space is available for installation as shown in the plans. Minor adjustments may be made during construction as directed by the Engineer and/or CEI.

Question 3: Notes 5 and 6 on page 2 call for including concrete removal and replacement for installing FO boxes. Due to problems this has created, previous projects have had concrete removal covered by sidewalk and sod items.

Answer: This issue was addressed, please see addendum #2.

Question 4: At locations showing replacing the existing pushbuttons with the audible pushbuttons, it shows running new 5 conductor cable to some of the poles via new conduit being installed. At other locations, it shows replacing the existing which would be using the existing wiring. The audible pushbutton usually requires it's own dedicated pair of wires per button where the standard pushbutton can use one of the wires as a common wire.

Answer: Where audible pushbuttons are being installed either on new poles or where there was no pushbutton previously, the plans call out for new wiring and conduit. Where the audible push buttons are being installed there are existing pushbuttons, it is assumed the existing wiring can be re-used. This will need to be verified during the construction process. If the existing wiring cannot be re-used, then new wiring will need to be run to that location at that time and it will be paid at the unit price for 5 conductor wire.

Question 5: On the phasing diagrams shown on plans, are they the current phasing or is this new proposed phasing. On some of these intersections there may not be adequate wiring to split the signals, or it may take extensive wiring to accomplish this that will require more than allotted time to do a cabinet change over, especially the wood pole and embedded pole intersection where there are multiple risers on poles that really cannot be removed or reworked in the allotted time frames. How will this be addressed?

. Answer: The phasing diagrams shown on the plans are proposed phasing. During field assessment, it was the opinion of the designer and City of Memphis Signal Shop staff that existing wiring was adequate for the proposed phasing as shown in the plans. This will need to be verified during the construction process. If additional wiring is necessary, the new wiring will be installed and paid at the unit price of 3, 5, and/or 7 conductor wire. The contractor will be expected to evaluate the existing wiring prior to ordering cabinets. Any instances where insufficient wiring exists to implement the proposed phasing are to be reported to the CEI consultant for coordination with the designer to determine the appropriate action.

Question 6: At Dr. MLK Dr and 3rd, a mast arm intersection, the existing cabinet to be changed and relocated is a pedestal mounted cabinet. The existing wiring will not be long enough to reach the proposed new cabinet location. Cabling is not allowed to be spliced will have to be replaced and probably new wiring installed to refeed poles.

Answer: This will need to be verified during the construction process. If it is necessary to extending wiring, wires must be replaced from the proposed cabinet to the nearest allowable splice location (pole base). Additional wiring will be installed and paid at the contract unit price of 3, 5, and/or 7 conductor wire.

Question 7: Sheet CL-11 - The FO splicebox location on 3rd St is located in driveway and the FO intermediate box by the building is in a parking area. The standard FO pullbox's are not rated for these location.

Answer: The location of the type B fiber optic pullbox along 3rd Street should be field located during construction to an area outside of the driveway area to minimize vehicle traffic loads. The type A fiber optic pullbox near the City of Memphis Signal Shop should be placed as close to the building as possible so that only occasional vehicle loadings will be experienced. City of Memphis Signal Shop staff should be consulted for final location of pull boxes in both of these areas.

Question 8: Are any safety training certifications required by any of the railroads to work within their right of way?

Answer: A copy of all railroad permits has been included with this addendum. All work within each of the railroad rights-of-way must be performed in such a manner as to meet all requirements of all railroad permits.

Question 9: What are the specifications for the pull box lids? Also is there an equivalent for cast iron regarding the lids?

Answer: Pull box specifications are found in the City of Memphis Standard Construction Specifications Section 02890.J Pull Boxes. Concrete or composite lids are allowed as a substitute but must be structurally rated equivalent to what is required in the specs. Concrete or composite lids with a Tier 22 rating are typically an acceptable substitute for the cast iron lids.

If you have any questions, please contact me via email at tosha.davenport@shelbycountyn.gov

Sincerely,

Signed Original on File

Tosha Davenport, Procurement Specialist
Purchasing Department
Shelby County Government